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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Benjamin Ross Herbert

Application No. 10/533,742 ✓

Filed: May 4, 2005

For: IMPROVED EXTRACTION OF A
PROTEINACEOUS MACROMOLECULE
FROM A BIOLOGICAL SAMPLE

) Group Art Unit: TBA

) Examiner: TBA

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Application No. 10/533,742
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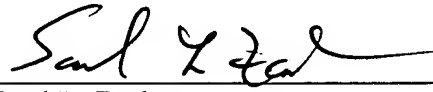
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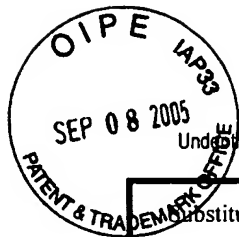
Respectfully submitted,

Dated: September 8, 2005

By: _____



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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/533,742
				Filing Date	May 4, 2005
				First Named Inventor	Benjamin Ross Herbert
				Art Unit	
Examiner Name					
Sheet	1	of	1	Attorney Docket No.	60023150-0010

OTHER ITEMS – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	1	SATO et al., "Membrane Proteins of Escherichia coli K-12: Two-Dimensional Polyacrylamide Gel Electrophoresis of Inner and Outer Membranes", European Journal of Biochemistry, (9/77) 78:2, pp. 555-567.	
	2	NAKAYA et al., "Isolation and Some Biochemical Characteristics of Nuclei from AH-66 Hepatoma Cells", Cancer Research, (10/77) 37:10, pp. 3701-6.	
	3	MACFARLANE, "Use of Benzyldimethyl-n-Hexadecylammonium Chloride ("16-BAC"), a Cationic Detergent, in an Acidic Polyacrylamide Gel Electrophoresis System to Detect Base Labile Protein Methylation in Intact Cells", Anal Biochem, (7/15/83) 132:2, pp. 231-235.	
	4	ONO et al., "Factors Affecting Protein Transfer into Surfactant-Isooctane Solution: A Case Study of Extraction Behavior of Chemically Modified Cytochrome c", Biotechnology Progress, (Nov-Dec, 1988) 14:6, pp. 903-908.	
	5	GILCHRIST et al., "Identification and Purification of a Calcium-binding Protein in Hepatic Nuclear Membranes", Journal of Biological Chemistry, (2/25/93) 268:6, pp. 4291-4299.	
	6	GERSTENFELD, et al., "Selective Extractability of Noncollagenous Proteins from Chicken Bone", Calcified Tissue International, (9/1994) 55:3, pp. 230-235.	
	7	GOTO et al., "Design of Surfactants Suitable for Protein Extraction by Reversed Micelles", Biotechnology and Bioengineering, (1997) 54:1, pp. 26-32.	
	8	RAVILLOUD et al., Electrophoresis, (1997) 18, pp. 307-316.	
	9	CHEVALLET et al., Electrophoresis, (1998), pp. 1901-1909.	
	10	HERBERT, Electrophoresis, (1998) 19, pp. 845-851.	
	11	MASTRO et al., "Protein Delipidation and Precipitation by Tri-n-butylphosphate, Acetone, and Methanol Treatment for Isoelectric Focusing and Two-Dimensional Gel Electrophoresis", Analytical Biochemistry, (9/10/99) 273:2, pp. 313-315.	
	12	DEWITT et al., "Protein Extraction from Beef Heart using Acid Solubilization", Journal of Food Science, (5/02) 67:9, pp. 3335-3341.	

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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